

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE								ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)								APPLICANTS: Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
XNP	5	3	7	1	6	5	9	12/94	Pastrick et al.				
	5	2	0	7	4	9	2	05/93	Roberts				
	5	1	7	9	4	7	1	01/93	Caskey et al.				
	5	1	5	1	8	2	4	09/92	O'Farrell				
	5	1	1	3	1	8	2	05/92	Suman et al.				
	5	1	0	9	2	1	4	04/92	Heidman, Jr.	340	475		
	5	0	4	9	8	6	7	09/91	Stouffer				
XNP	5	0	1	7	9	0	3	05/91	Krippelz, Sr.				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	Y	N
XNP	DE	3	8	0	3	5	1	0A	09/88	Germany			Abstract Only		
XNP	6	1	1	8	8	2	4	2	08/96	Japan			x		
XNP	6	2	2	1	8	2	4	8	09/87	Japan			Abstract only		

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL														
XNP	European Search Report for European Application EP 96 65 0012 which is based on related U.S. Patent No. 5,497,306.													
XNP	European Search Report for European Application EP 99 65 0053 which is based on related U.S. Patent Application Serial No. 09/335,010, filed June 17, 1999.													
EXAMINER	<i>XNP</i>							DATE CONSIDERED 6/6/05						

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>TPR</i>	5	20	1	4	2	6	7	05/91	Roberts				
	4	9	1	6	4	3	0	04/90	Vu et al.				
	41	8	9	0	9	0	7	01/90	Vu et al.				
	4	8	8	1	1	4	8	11/89	Lambropoulos et al.				
	4	8	6	6	4	1	7	09/89	Defino et al.				
	4	8	4	9	1	3	7	02/89	Yamada				
	4	6	8	8	0	3	6	08/87	Hirano et al.				
<i>TPR</i>	4	4	7	5	1	0	0	10/84	Duh	340	98		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION		
														Y	N
<i>TPR</i>	1	2	3	9	2	7	3	09/89	Japan				Abstract Only		
<i>TPR</i>	3	6	3	5	4	7	1	5/88	Germany				X		
<i>TPR</i>	3	6	3	5	4	7	3	4/88	Germany				X		

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	<i>TPR</i>	DATE CONSIDERED 6/6/05

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U.S. PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SPR</i>	4	4	4	6	3	8	0	05/84	Moriya et al.			
	4	3	4	2	2	1	0	08/82	Denningham			
	4	2	7	4	0	7	8	06/81	Isobe et al.	340	98	
	4	2	5	8	3	5	2	03/81	Lipschutz			
	4	2	0	5	3	2	5	05/80	Haygood et al.			
	4	0	4	1	3	0	1	08/77	Pelchat			
	3	5	9	6	0	7	9	07/71	Clark			
<i>SPR</i>	2	5	6	2	6	8	7	07/51	Anderson			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
	JA	3	0	5	0	0	4	4/91	Japan			Y N	
<i>SPR</i>	DE	2	6	3	4	3	7	2	2/78	Germany			X
<i>SPR</i>	JA	5	8	1	8	8	7	33	11/83	Japan			Abstract only

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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<i>SPR</i>	6/6/2005

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(Rev. 2-32) PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
DON01 P-1138SERIAL NO.
10/770,097INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANTS: Todd W. Pastrick et al.

FILING DATE
02/02/2004

GROUP

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER										DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SPN</i>	2	1	2	7	3	5	7	10	02	42	Greenlees				
	1	5	6	3	2	5	8		11	25	Cunningham				
	1	2	7	8	7	4	1	09	18	09/18	Phelps	362	83.1		
	2	2	9	5	1	7	6		09	42	Kelly	362	83.1		
	2	5	1	1	9	7	1		06	50	Dalton	362	83.1		
	5	4	9	7	3	0	6		03	96	Pastrick				
	5	4	9	7	3	0	5		03	96	Pastrick et al.				
<i>SPN</i>	5	3	0	3	1	3	0		04	94	Wei et al.				

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER										DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	Y	N
<i>SPN</i>	DE	3	6	1	4	8	8	20		11/87	Germany						
<i>SPN</i>		1	5	5	5	5	4	1		11/79	Great Britain						
<i>SPN</i>		2	1	6	1	4	4	0A		01/86	Great Britain						

OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)

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								APPLICANT(S) Todd W. Pastrick et al.	
								FILING DATE 02/02/2004	GROUP



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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SPN</i>	5	6	6	0	4	5	7	08/26/1997	Lyons	362	83.1	
	5	4	9	4	1	6	9	03/12/1996	Chen	362	83.1	
	5	4	10	2	1	0	3	03/28/1995	Tashiro	340	475	
	5	0	3	9	0	1	5	10/22/1991	Tran	359	844	
	4	4	6	8	8	0	0	04/28/1987	Yamazaki	340	98	
	5	1	3	2	8	3	2	07/92	Alder			
	5	0	3	8	2	5	5	08/91	Nishihashi			
	5	3	1	3	3	1	5	05/94	Gray et al.			
<i>SPN</i>	5	6	2	4	1	7	6	4/97	O'Farrell et al.	362	83.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
												Y N
<i>SPN</i>	2	1	2	9	7	4	9	05/23/1984	Great Britain			
<i>SPN</i>	2	2	6	6	8	7	0	11/17/1993	Great Britain			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

EXAMINER	<i>SPN</i>	DATE CONSIDERED	<i>6/6/2005</i>
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EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SPN</i>	5	6	6	9	6	0	4	09/1997	Pastrick et al.	362	83.1	
	5	6	6	9	6	9	9	09/1997	Pastrick et al.	362	83.1	
	5	8	6	3	1	6	6	01/1999	Pastrick et al.	362	494	
	5	8	2	3	6	9	4	10/1998	Pastrick et al.	362	83.1	
	5	8	7	1	2	7	5	02/1999	O'Farrell et al.	362	494	
	5	6	6	9	7	0	5	09/1997	Pastrick	362	83.1	
	6	1	7	6	6	0	2	01/2001	Pastrick et al.	362	494	
	6	0	8	6	2	2	9	07/2000	Pastrick	362	494	
	6	1	4	9	2	8	7	11/2000	Pastrick et al.	362	494	
	5	8	7	9	0	7	4	03/1999	Pastrick	362	494	
<i>SPN</i>	6	0	9	9	1	5	3	08/08/00	Zimmermann et al.	362	494	
<i>SPN</i>	5	6	6	9	7	0	5	09/23/97	Pastrick et al.	362	83.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLA-TION
												Y N
<i>SPN</i>	DE	1	9	5	38	7	71	AI	04/24/97	Germany		Abstract Only
<i>SPN</i>	DE	2	9	7	02	7	46	UI	05/15/97	Germany		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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								FILING DATE 02/02/2004	GROUP
O I P E M A R 0 3 2004 P A T E N T & T R A D E M A R K O F F I C E								U.S. PATENT DOCUMENTS	

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SPN</i>	1	0	9	6	4	5	2	5/1914	J.G. Perrin			
	1	3	5	3	2	5	3	09/1920	C.F. Livingston et al.			
	1	4	3	5	4	6	5	09/1922	O.L. Nigh			
	2	4	5	7	3	4	8	12/1948	P.A. Chambers.			
	5	2	0	6	5	6	2	04/1993	Matsuno et al.	315	77	
	2	2	3	5	1	8	1	03/1941	Thiel	362	494	
	4	5	8	3	1	5	5	04/1986	Hart	362	285	
	4	6	6	1	8	0	0	04/1987	Yamazaki	362	494	
	5	7	8	8	3	5	7	08/1998	Muth et al.	362	494	
	5	8	8	6	8	3	8	03/1999	Kuramoto	359	841	
	6	0	7	6	9	4	8	06/2000	Bukosky et al.	362	494	
<i>SPN</i>	5	5	8	7	6	9	9	12/24/96	Faloon et al.	340	475	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
												Y N
<i>SPN</i>	GB	2	12	7	5	3	2	9A	08/1994	Great Britain		
		2	6	1	8	3	9	7	01/1989	French		X
		2	6	1	2	1	3	6	09/1988	French		X
<i>SPN</i>	GB	2	1	6	1	4	4	0A	01/1986	Great Britain		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER INITIAL	DOCUMENT NUMBER								DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
<i>SPAN</i>	1	4	5	8	7	0	3	06/1923	Harris et al.				
	2	0	1	0	1	3	8	08/1935	E.T. Condon	177	329		
	3	5	2	2	5	8	4	08/1970	Y.J. Talbot	340	98		
	4	8	0	8	9	6	8	02/1989	Caine	340	71		
	4	8	5	1	9	7	0	07/1989	Brönder	362	66		
	5	4	3	6	7	4	1	07/1995	Crandall	359	15		
	6	0	4	5	2	4	3	04/2000	Muth et al.	362	494		
	6	1	3	9	1	7	1	10/2000	Waldmann	362	494		
	6	2	0	6	5	3	3	03/2001	Boddy et al.	362	494		
	6	2	7	6	8	2	1	08/2001	Pastrick et al.	362	494		
	6	2	8	0	0	6	8	08/28/01	Mertens et al.	362	494		
	6	2	5	0	7	8	3	06/26/01	Stidham et al.	362	494		
	6	1	3	9	1	7	1	10/31/00	Waldmann	362	494		
	6	0	9	9	1	5	3	08/08/00	Zimmermann et al.	362	494		
	5	4	3	6	7	4	1	07/25/95	Crandall	359	15		
<i>SPAN</i>	4	6	2	6	0	8	4	12/1986	Kumai, Toshiyuki	359	841		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLA-TION
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		8	1	4	2	7	4	5A	06/1996	Japan			<input checked="" type="checkbox"/> Abstract only
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	GB	2	3	1	6	3	7	9A	02/1998	Great Britain			
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<i>SPAN</i>	JP	6	1	2	1	8	45	2A	09/1986	Japan			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER	<i>SPAN</i>	DATE CONSIDERED	<i>6/16/2005</i>
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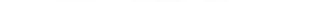
U.S. PATENT DOCUMENTS

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLA-TION
JK	6 0 1 6 1 2 46	10/85	Japan			Y N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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<p style="text-align: center;">U.S. PATENT DOCUMENTS</p> <p>FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)</p> <p>OIF PCTO MAR 14 2005 PATENT & TRADEMARK OFFICE</p>								ATTY. DOCKET NO. DON01 P-1138	SERIAL NO. 10/770,097
								APPLICANT(S) Todd W. Pastrick, et al.	
								FILING DATE February 2, 2004	GROUP

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
		6	4	1	6	2	0	8					
		6	3	6	7	9	5	7	09/2002	Pastrick	362	494	
		6	3	1	5	4	3	7	04/2002	Hering et al.	362	511	
		6	2	9	9	3	3	3	11/2001	Katz et al.	362	494	
		6	2	8	0	0	6	8	10/09/2001	Pastrick	362	494	
		6	2	0	6	5	5	3	08/28/2001	Martens et al.	362	494	
		6	1	3	9	1	7	6	03/2001	Boddy	362	495	
		6	0	9	9	1	5	5	10/2000	Hulse et al.	362	581	
		6	0	7	6	9	4	8	08/08/2000	Pastrick	362	494	
		6	0	7	4	0	7	7	06/2000	Bukosky et al.	362	494	
		5	9	3	8	3	2	0	08/1999	Crandall	362	494	
		5	8	8	6	8	3	8	03/1999	Kuramoto	359	841	
		5	2	8	7	1	0	1	02/15/1994	Serizawa	340	815.76	
		5	2	2	3	8	1	4	06/1993	Suman	340	525	
		5	0	1	4	1	6	7	05/1991	Roberts	362	83.1	
		4	8	6	8	7	2	2	09/19/1989	Haraden	362	80	
		4	8	0	9	1	3	7	02/1989	Yamada	362	61	
		4	8	0	7	0	9	6	02/1989	Skogler et al.	362	142	
		4	7	7	2	9	8	9	09/1989	Haraden	362	80	
		4	7	3	3	3	3	6	03/22/1988	Skogler et al.	362	142	
		4	6	9	3	5	7	1	09/15/1987	Kimura et al.	350	364	
		4	6	2	6	0	8	4	12/1986	Kumai	359	841	
		4	2	8	1	8	9	9	08/04/1981	Oskam	350	289	
		2	4	1	4	2	2	3	01/14/1947	DeVirgilis	340	42	
		2	2	3	5	1	8	1	03/1941	Thiel	362	494	
		1	6	0	2	0	9	4	10/1926	Badding			

FOREIGN PATENT DOCUMENTS

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		DE	1	9	7	3	6	4						
		EP	0	5	2	5	5	4	1	11/23/1994	EPO		X	
		EP	0	7	3	8	6	2	7	10/23/1996	EPC		X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		Japanese Patent Abstract for Japanese Patent Document No. JA 0239273, published 09/25/1989.

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(Form PTO-1449 (6-4))